

Amendments to the Claims

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An implosion proof structure in a flat cathode ray tube having a panel upon which atmospheric pressure is exerted as the flat cathode ray tube is evacuated, comprising:

implosion proof means strapped ~~around and onto~~ an outer circumferential surface of a funnel in the vicinity of ~~the said panel, said~~ ~~implosion proof means being spaced apart from said panel~~ of said flat cathode ray tube.

2. (Previously Presented) An implosion proof structure as claimed in claim 1, wherein the implosion proof means has a strapping tension in a range of 600 - 3000 kgf.

3. (Currently Amended) An implosion proof structure as claimed in claim 1, wherein the outer circumferential surface of the funnel includes a flat portion perpendicular to ~~the said~~ panel.

4. (Currently Amended) An implosion proof structure as claimed in claim 1 ~~or 2~~, wherein the implosion proof means is a band with a required yield strength.

5. (Previously Presented) An implosion proof structure as claimed in claim 3, wherein the outer circumferential surface of the funnel has a width larger than a width of the implosion proof means, wherein said implosion proof means is a band.

6. (Previously Presented) An implosion proof structure as claimed in claim 5, wherein a width of the flat portion of the outer circumferential surface of the funnel is set to be equal to, or greater than 16mm.

7. (Currently Amended) An implosion proof structure in claim 1 ~~or 2~~, wherein the implosion proof means is a wire with a required yield strength.

8. (Original) An implosion proof structure as claimed in claim 7, wherein the wire has a radius greater than 2.5 mm.

9. (Currently Amended) An implosion proof structure in a flat cathode ray tube having a funnel and a panel upon which atmospheric pressure is exerted

as the flat cathode ray tube is evacuated, the funnel having a flat portion in the vicinity of the panel and a curved portion extending from the flat portion, comprising:

implosion proof means coated on ~~a flat portion of~~ an outer circumferential surface of the flat portion of the funnel, excluding the curved portion of the a funnel in the vicinity of the panel of said flat cathode ray tube, the implosion proof means being a coat of hardening adhesive with a required yield strength after said adhesive it is hardened.

10. (Original) An implosion proof structure as claimed in claim 9, wherein the hardening adhesive has a thickness $t \geq T_a / (\sigma \times W)$.

11. (Original) An implosion proof structure as claimed in claim 9, wherein the hardening adhesive has a width $W \geq T_a / (p \times R)$.

12. (Currently Amended) An implosion proof structure as claimed in claim 9, wherein the hardening adhesive is formed of a material having a difference in thermal expansion/contraction coefficients between the hardening adhesive after it said adhesive is hardened and the funnel to be below approximately $5 \times 10^{-7} / ^\circ\text{C}$.

13. (Original) An implosion proof structure as claimed in claim 9, wherein the hardening adhesive is formed of a ceramic.

14. (Currently Amended) An implosion proof structure as claimed in claim 13, wherein the ceramic adhesive has a difference in thermal expansion/contraction coefficients between the ~~hardened~~ ceramic adhesive after it is hardened and the funnel to be below approximately $5 \times 10^{-7} / ^\circ\text{C}$.

15. (New) An implosion proof structure as claimed in claim 2, wherein the implosion proof means is a band with a required yield strength.

16. (New) An implosion proof structure in claim 2, wherein the implosion proof means is a wire with a required yield strength.

17. (New) An implosion proof structure as claimed in claim 16, wherein the wire has a radius greater than 2.5 mm.

Amendments to the Drawings:

The attached sheet of drawings includes changes to Fig. 5. This sheet, which includes Fig. 5, replaces the original sheet including those same Figures.

In Fig. 5 attached, band 110 has been deleted. Label 101 now points to a panel.

Attachment: Replacement Sheet
 Annotated Sheet Showing Changes